

Venice International University

#### **TEN Center**

Thematic Environmental Networks

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## MOST Training Program

# **New and Renewable Energy**

November 28 - December 12, 2009

## Course Agenda

Theme: Solar Energy

Site Visit: Enipower: Advanced Application of Solar Energy (Enipower in Nettuno)

#### Theme: Legislation and Energy Policy in the EU and Italy

<u>Lecture:</u> Overview on EU Organisation and EU Environmental Policy (M. Montini, University of Siena, Environmental Legal Team)

<u>Lecture:</u> The EU Framework Legislation and Policy on Renewable Energy (A. Barreca, University of Siena, Environmental Legal Team)

<u>Lecture:</u> Case Studies: The Italian Legislation and Policy on Renewable Energy (F. Volpe, University of Siena, Environmental Legal Team)

#### Theme: Venetian Environment; Promotion of Renewable Energies

<u>Lecture:</u> The Evolution of the Environmental Problem in Venice: Towards a Sustainable City (S. Dalla Riva, CORILA - Consortium for Managing Research Activities in the Venice Lagoon)

<u>Lecture:</u> Sustainable Energy Systems: Promoting Renewable Energy and Energy Efficiency in Liberalised Market (L. Bano, Galileia Srl)

#### Theme: Innovative Solar Energy Plants; Energy from Waste

Lecture: Concentrating Solar Power (M. Falchetta, ENEA)

Site Visit to Waste Treatment Plant in Fusina (VESTA-Veritas S.p.A) (F. Faraon, Idecom; A. Marchini, VESTA-Veritas S.p.A)

#### Theme: Geothermal Energy and Hydrogen

<u>Lecture:</u> Geothermal Energy: from the Heart of the Earth. Geothermal Energy Discovery (R. Bertani, Enel Spa, Geothermal Business Development)

<u>Lecture:</u> Geothermal Energy: from the Heart of the Earth. Geothermal Energy in China (R. Bertani, Enel Spa, Geothermal Business Development)

Site Visit to VEGA: the Hydrogen Park in Venice (G. Mattiello, Science and Technology Park - VEGA)

#### Theme: Renewables: Incentive policies; Wind Energy

<u>Lecture:</u> Public Support to the Rational Use of Energy and Renewable Energy Systems Market Development (G. Gallo, Turin Energy and Environment Agency)

Lecture: Case study: PV Piedmont Project (G. Gallo, Turin Energy and Environment Agency)

Lecture: Wind Energy (L. Pirazzi, ENEA)

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**Theme: Renewable Energies** 

<u>Lecture:</u> Renewable Energies (G. Fracastoro, Polytechnic of Turin)

### Theme: Use of Renewable Energies

<u>Lecture:</u> Casa Gaia Thermic-energetic Behaviour, an Experimental House Where to Live and to Show Sustainable Systems (G. Papa, Casa Gaia)

Site Visit to Energy Efficient Building "Casa Gaia" in Luserna San Giovanni (TO)

<u>Lecture:</u> The Energy Balance of Torino Province: Renewable Energies (S. De Nigris, Torino Province – Air Quality and Energy Resources)